

SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE ENABLING TO
PRODUCE A STABLE CONSTANT CURRENT EVEN
ON A LOW POWER-SOURCE VOLTAGE

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ABSTRACT OF THE DISCLOSURE

10 A semiconductor integrated circuit device has a
first MIS transistor of a first conductivity type, a
second MIS transistor of a second conductivity type, a
resistor connected in series between a first power-source
line and a second power-source line, and a third MIS
15 transistor of the first conductivity type. The third MIS
transistor has a gate connected to a node where the first
MIS transistor and the second MIS transistor are
connected together, and a drain connected to a connection
node where the second MIS transistor and the resistor are
20 connected together.